

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: **BR-483**

Call Sign: **W S M**

**STANDARD BROADCAST STATION LICENSE
MAIN AND AUXILIARY TRANSMITTERS**

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, ^{1/}the LICENSEE

WSM, INCORPORATED

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time **AUGUST 1, 1979**

The licensee shall use and operate said apparatus only in accordance with the following terms:

- On a frequency of **650** kHz.
- With nominal power of **50 kilo** watts nighttime and **50 kilo** watts daytime,
with antenna input power of **50 kilo** watts **non directional** **Antenna** current **12.8** amperes
antenna nighttime **Antenna** resistance **305.0** ohms,
and antenna input power of **50 kilo** watts **non directional** **Antenna** current **12.8** amperes
antenna daytime **Antenna** resistance **305.0** ohms
- Hours of operation:

**AUXILIARY: 5kw Night & Day
Antenna Current 4.05 amps
Antenna Input Power 5 kilowatts**

UNLIMITED TIME.

- With the station located at: **Nashville, Tennessee**
- With the main studio located at: **5700 Knob Road, Nashville, Tennessee (WSM-TV Location)**
- Remote control point: **5700 Knob Road, Nashville, Tennessee (WSM-TV Location)**

- Transmitter location: **6 Miles North of Franklin, Tennessee**
North Latitude: **35° 59' 50"**
West Longitude: **86° 47' 32"**

ANTENNA: 800' (808' overall height) series excited, square, double tapered radiator guyed at the 360 foot level. Ground system consists of 120 radial wires each 450 feet long buried 8 inches beneath surface.

- Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: **1, 3*, 12** & 21.**
- Transmitter(s): **GE, BT-50-A (Mod. to use C.T.S. Knights Model JKTO-43 Oscillator Binary Divider) (Main) - COLLINS RADIO CO., 21-B (Auxiliary)**
- Conditions: **(See Page 1A.)**

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

^{1/}This license consists of this page and pages **1A & 2.**



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This grant is conditioned upon the submission of the following information to the Renewal Branch on or before April 1, 1978, October 1, 1978, and with the submission of the next regular renewal application:

- (a) A list of persons hired from the release date of this Order to the most recent payroll period prior to each filing date, indicating their job title and part-time or full-time status, date of hire, sex and race or national origin; and
- (b) Details concerning the stations' efforts to recruit for each position filled during the specified periods, including the identification of sources used for the purpose of increasing the stations' pool of minority and/or female applicants.

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Par. 1, 3*, 12** & 21 and in addition, on the top of the transmitter building there shall be installed a 24 inch aviation red Rotating beacon equipped with automatic lamp changer and 1000-watt lamp.

*Modified to permit beacon to be installed at 757 ft. level of tower.

**Modified to permit side lights to be installed on each outside corners at the 560' & 360' foot levels.